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DISC DRIVE WITH GROOVES ON INTERNAL SURFACES

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(57)**ABSTRACT**

A data storage device for storing and accessing data includes a motor and at least one movable medium coupled to the motor. The motor is capable of moving the medium and thereby generating turbulent airflow. The data storage device further includes at least one surface having at least two grooves. The two grooves extend along a groove axis that is substantially perpendicular to a mean airflow direction and are capable of reducing the interaction between the surface and a turbulent airflow generated by the medium.

